

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (previously amended) A method for identifying candidate cancer-specific or cancer-associated antigens, said method comprising consecutively the steps of:
 - (a) obtaining an amino acid sequence of an extracellular domain of a receptor or receptor-like molecule;
 - (b) mapping hydrophilic regions of the domain by analyzing the amino acid sequence of the domain employing a rolling sum analysis of 7 consecutive residues;
 - (c) identifying the hydrophilic peptide regions of step (b) that are glycosylated in non-cancerous (normal) cells, but are deglycosylated in cancer cells;
 - (d) locating amino acids that are susceptible to modification in the absence of steric hindrance by glycoside chains;
 - (e) synthesizing candidate peptides that fit the criteria of steps (a) to (d);
 - (f) labeling the peptides at either end of their amino acid sequence; and
 - (g) testing whether the candidate peptides are cancer-specific or cancer associated.

Claims 2-27 (previously withdrawn)